



MAR 01 2004

NEGS	PKRS	EPRG	PGK
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Secretary Mu GDF-8 propeptide Mu IgG2a Fc  
leader

SEQ ID No:20

MMQKLQMYVYIYLFMLIAAGPVDLNEGSEEREENVEKEGLCNACAWRQNTSYSRIEAIKIQILSKLRLET  
APNISKDAIRQLLPRAPLRELIDQYDVQRDDSSDGSLEDDDYHATTETIITMPTESDFLMQADGKPKC  
CFFKFSSKIQYNKVVKQALWIYLRPVKTPTTVFVQILRLIKPMKDGTTRYTGIRSLKLDMSPGTGIWQSI  
DVKTVLQNLKQPESNLGIEIKALDENGHDLAFTFPGPGEDGLNPFLEVKVTDTPKRSEPRGPTIKPCP  
PCKCPAPNLEGGPSVFIFFPKIKDVLMSLSPIVTCVVVDVSEDDPDVQISWVNNVEVHTAQTTTHRE  
DYNSTLRVVSALPIQHQDWMGKAFACAVNNKDLPAPIERTISKPKGSVRAPQVYVLPPEEEMTKKQV  
TLTCMVTDMPEDIYVEWTNNGKTELNYKNTPEVLDSDGSYFMYSKLRVEKKNWVERNSYSCSVVHEGL  
HNHHHTKSFSRTPGK

Fig. 7A

NEGS	PKRS	GSGS	EPRG	PGK
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Secretary Mu GDF-8 propeptide Mu IgG2a Fc  
leader

SEQ ID No:21

MMQKLQMYVYIYLFMLIAAGPVDLNEGSEEREENVEKEGLCNACAWRQNTSYSRIEAIKIQILSKLRLET  
APNISKDAIRQLLPRAPLRELIDQYDVQRDDSSDGSLEDDDYHATTETIITMPTESDFLMQADGKPKC  
CFFKFSSKIQYNKVVKQALWIYLRPVKTPTTVFVQILRLIKPMKDGTTRYTGIRSLKLDMSPGTGIWQSI  
DVKTVLQNLKQPESNLGIEIKALDENGHDLAFTFPGPGEDGLNPFLEVKVTDTPKRSGSGSEPRGPTI  
KPCPPCKCPAPNLEGGPSVFIFFPKIKDVLMSLSPIVTCVVVDVSEDDPDVQISWVNNVEVHTAQTTQ  
THREDYNSTLRVVSALPIQHQDWMGKAFACAVNNKDLPAPIERTISKPKGSVRAPQVYVLPPEEEMT  
KKQVTLTCMVTDMPEDIYVEWTNNGKTELNYKNTPEVLDSDGSYFMYSKLRVEKKNWVERNSYSCSVV  
HEGLHNHHHTKSFSRTPGK

Fig. 7B



Neil M. Wolfman, et al.  
For: Modified and Stabilized GDF  
Propeptides and Uses Therefor  
Docket No. AM100384  
Replacement Sheet

NENS	PKRS	EPKS	PGK
Secretary Hu GDF-8 propeptide leader			
Hu IgG1 Fc			

SEQ ID No:22

MOKLQLCVYIYLFMLIVAGPVDLNENSEQKENVKEGLCNACTWRQNTKSSRIEAIKIQLSKRLLETAPN  
ISKDVI RQLLPKAPPLRELIDQYDVQRDDSSDGSLEDDDYHATTETIIITMPTESDFLMQVDGKPKCCFFKF  
SSKIQ:NKVVKAQLNIYLRPVETPTTVFVQILRLIKPMKDGTRYTGIRSLKLDMPGTGIWQSIDVKTVLQ  
NWLKQPESNLGIKALDENGHDLAVTFFPGGEDGLNPFLEVKVTDTPKRSEPKSCDKTHTCPCPAPELL  
GGPSVFLFPPKPKDITLMISRTPEVTCVWVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVSVL  
TVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI  
AVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNYHTQKSLSLSPGK

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Fig. 11A



Neil M. Wolfman, et al.  
For: Modified and Stabilized GDF  
Propeptides and Uses Therefor  
Docket No. AM100384  
Replacement Sheet

NENS	PKRS	DKT	PGK
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Secretory leader      Hu GDF-8 propeptide      Hu IgG1 Fc mutated

SEQ ID No:23

MQLQLCVYIYLFMLIVAGPVDLNNSEKQENVEKEGLCNACTWRQNTKSSRIEAIKIQILSKLRLETAPN  
ISKDVIRQLLPKAPPLRELIDQYDVQRDDSSDGSLEDDDYHATTETIITMPTESDFLMQVDGKPKCCFFKF  
SSKIQYNKVVKAQLWIYLRPVETPTTVFVQILRLIKPMKDGTRYTGIRSLKLDMPGTGIWQSIDVKTVLQ  
NWLKQPESNLGIKALDENGHDLA VTFPGGEDGLNPFLEVKVTDTPKRS DKTHTCPPCPAPEALGAPSV  
FLFPPKPKD TLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNNAKTKPREEQYNSTYRVVSVLTVHLQ  
DWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWE  
SNGQPENNYKTTTPPVLDSDGSGFFLYSKLTVDKSRWQQGNVFCSVMEALHNHYTQKSLSLSPGK

Fig. 11B

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